

ABSTRACT

A biaxial liquid crystal composition containing a liquid crystal compound and a refractive index-controlling agent, which is capable of developing a biaxial liquid crystal phase, and has a value of $(n_x - n_y) / (n_y - n_z)$ and a value of $(n_{x0} - n_{y0}) / (n_{y0} - n_{z0})$ different from each other wherein n_x , n_y and n_z respectively represent refractive indexes along directions of three axes of the biaxial liquid crystal composition in an order of magnitude, and n_{x0} , n_{y0} and n_{z0} respectively represent refractive indexes along directions of three axes of the biaxial composition obtained by excluding the refractive index-controlling agent from the biaxial liquid crystal composition in an order of magnitude.